

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Elley et al.

Serial No.: 09/310,165

Filed: May 10, 1999

For: *Method and System for Proving* )  
*Membership in a Nested Group* )  
*Using Chains of Credentials*



Group Art Unit: 2131

Examiner: Revak, Christopher A.

Attorney Docket No.: SMY-013.01

(25087-1301)

RECEIVED

FEB 11 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2100

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56 and 1.97

Dear Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants and/or their Attorney in compliance with the requirements of 37 C.F.R. § 1.56. Copies of the documents (References AU-BE) are also being submitted. Applicants respectfully request that the Examiner consider the listed documents and indicate they were considered by making appropriate notations on the attached Form PTO-1449.

In compliance with the requirements of 37 C.F.R. §§ 1.56 and 1.97, Applicants have cited for the Examiner's consideration co-pending U.S. patent applications that are owned at least in part by the assignee of this application and that describe subject matter related to the present application. The co-pending applications are listed herewith in accordance with M.P.E.P. 609 III.D which states: "Applicants may wish to list U.S. patent application numbers on other than Form PTO-1449 or PTO/SB/08A format to avoid the application numbers of pending applications being published on the patent. If a citation is not printed on the patent but has been considered by the Examiner in accordance with this section, the patented file will reflect that fact as noted in subsection III.C(2) above."

No copies of the co-pending applications have been provided. If the Examiner wishes to have copies of the co-pending applications, the Examiner should contact the Attorney of record.

Our Docket #	Serial #	Date Filed	Title
SMY-005.01	09/307,953	May 10, 1999	Method and System for Presentation of Non-Revocation Certificates
SMY-012.01	09/309,045	May 10, 1999	Method and System for Dynamic Issuance of Group Certificates
SMY-016.01	09/596,914	June 20, 2000	Method and System for use of Wild Card Names in Access Control Policies and Group Membership Lists
SMY-017.01	09/547,183	April 11, 2000	Method and System for Pro-Active Credential Refreshing


This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that the cited documents are material or constitute "prior art." If the Examiner applies the listed documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the claimed subject matter over the listed documents, should one or more of the referenced documents be applied against the claims of the present application.

Under 37 C.F.R. § 1.97(c)(2), the fee as set forth in 37 C.F.R. § 1.17(p) is enclosed. If this fee is insufficient or if extensions of time are necessary, the Commissioner is authorized to charge any fee deficiency or credit overpayment to our **Deposit Account No. 06-1448, Ref. SMY-013.01.**

Respectfully Submitted,

Date: February 4, 2004

**Customer No: 25181**  
Patent Group  
Foley Hoag LLP  
155 Seaport Blvd.  
Boston, MA 02110  
Tel. (617) 832-1000  
Fax (617) 832-7000

  
\_\_\_\_\_  
Jeffrey M. Sears  
Reg. No. 48,440

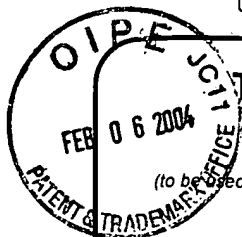
\$2131  
#14  
SP  
2-12-04

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



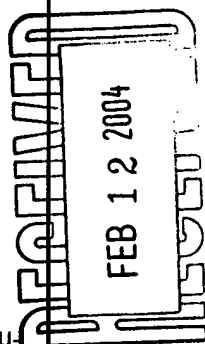
# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number		09/310,165
Filing Date		May 10, 1999
First Named Inventor		Elley et al.
Art Unit		2131
Examiner Name		Revak, Christopher A.
Total Number of Pages in This Submission	6+ (25)	Attorney Docket Number
		SMY-013.01 (25087-1301)

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449 listing refs. AU-BE; Copies of listed refs. AU-BE; and Return postcard.
Remarks		Customer Number : 25181



**RECEIVED**  
FEB 11 2004  
Technology Center 2100

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jeffrey M. Sears		
Signature			
Date	February 4, 2004		

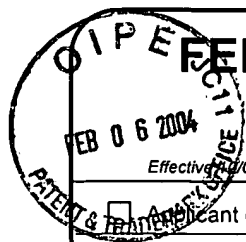
## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	John Barretto		
Signature		Date	February 4, 2004

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



# FEE TRANSMITTAL for FY 2004

Effective 1/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

Application Number 09/310,165  
Filing Date May10, 1999  
First Named Inventor Elley et al.  
Examiner Name Revak, Christopher A.  
Art Unit 2131  
Attorney Docket No. SMY-013.01 (25087-1301)

RECEIVED

FEB 11 2004

Technology Center 2100

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																																																																	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order <input type="checkbox"/> Deposit Account: Deposit Account Number 06-1448; Ref: SMY-013.01 (25087-1301) Deposit Account Name Foley Hoag LLP				<b>3. ADDITIONAL FEES</b>																																																																																																																																																																																	
<b>The Director is authorized to: (check all that apply)</b> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																																																																																																																																																																					
<b>FEE CALCULATION</b>																																																																																																																																																																																					
<b>1. BASIC FILING FEE</b>																																																																																																																																																																																					
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr></tbody></table>				Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee																																																																																																																																															
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																
1001	770	2001	385	Utility filing fee																																																																																																																																																																																	
1002	340	2002	170	Design filing fee																																																																																																																																																																																	
1003	530	2003	265	Plant filing fee																																																																																																																																																																																	
1004	770	2004	385	Reissue filing fee																																																																																																																																																																																	
1005	160	2005	80	Provisional filing fee																																																																																																																																																																																	
SUBTOTAL (1) (\$ 0)																																																																																																																																																																																					
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>																																																																																																																																																																																					
<table border="1"><thead><tr><th>Total Claims</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>-20 **</td><td>= 0</td><td>X</td><td>= 0</td></tr><tr><td>Independent Claims</td><td>-3 **</td><td>= 0</td><td>X</td><td>= 0</td></tr><tr><td>Multiple Dependent</td><td>X</td><td>= 0</td><td></td></tr></tbody></table>				Total Claims	Extra Claims	Fee from below	Fee Paid	-20 **	= 0	X	= 0	Independent Claims	-3 **	= 0	X	= 0	Multiple Dependent	X	= 0																																																																																																																																																																		
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																		
-20 **	= 0	X	= 0																																																																																																																																																																																		
Independent Claims	-3 **	= 0	X	= 0																																																																																																																																																																																	
Multiple Dependent	X	= 0																																																																																																																																																																																			
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr></tbody></table>				Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																															
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																	
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																	
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																	
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																	
SUBTOTAL (2) (\$ 0)																																																																																																																																																																																					
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																					
				<b>Fee Calculation Table</b>																																																																																																																																																																																	
				<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td>180.00</td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr></tbody></table>				Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)		1806	180	1806	180	Submission of Information Disclosure Stmt	180.00	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application	
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																	
1053	130	1053	130	Non-English specification																																																																																																																																																																																	
1812	2,520	1812	2,520	For filing a request for reexamination																																																																																																																																																																																	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																	
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																	
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																	
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																	
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																	
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																	
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																	
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																	
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																	
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																	
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																	
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																	
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																	
1502	480	2502	240	Design issue fee																																																																																																																																																																																	
1503	640	2503	320	Plant issue fee																																																																																																																																																																																	
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																																	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00																																																																																																																																																																																
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																	
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																	
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 180)																																																																																																																																																																																	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Jeffrey M. Sears	Registration No. (Attorney/Agent)	48,440
Signature		Telephone	617-832-3022
		Date	February 4, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.